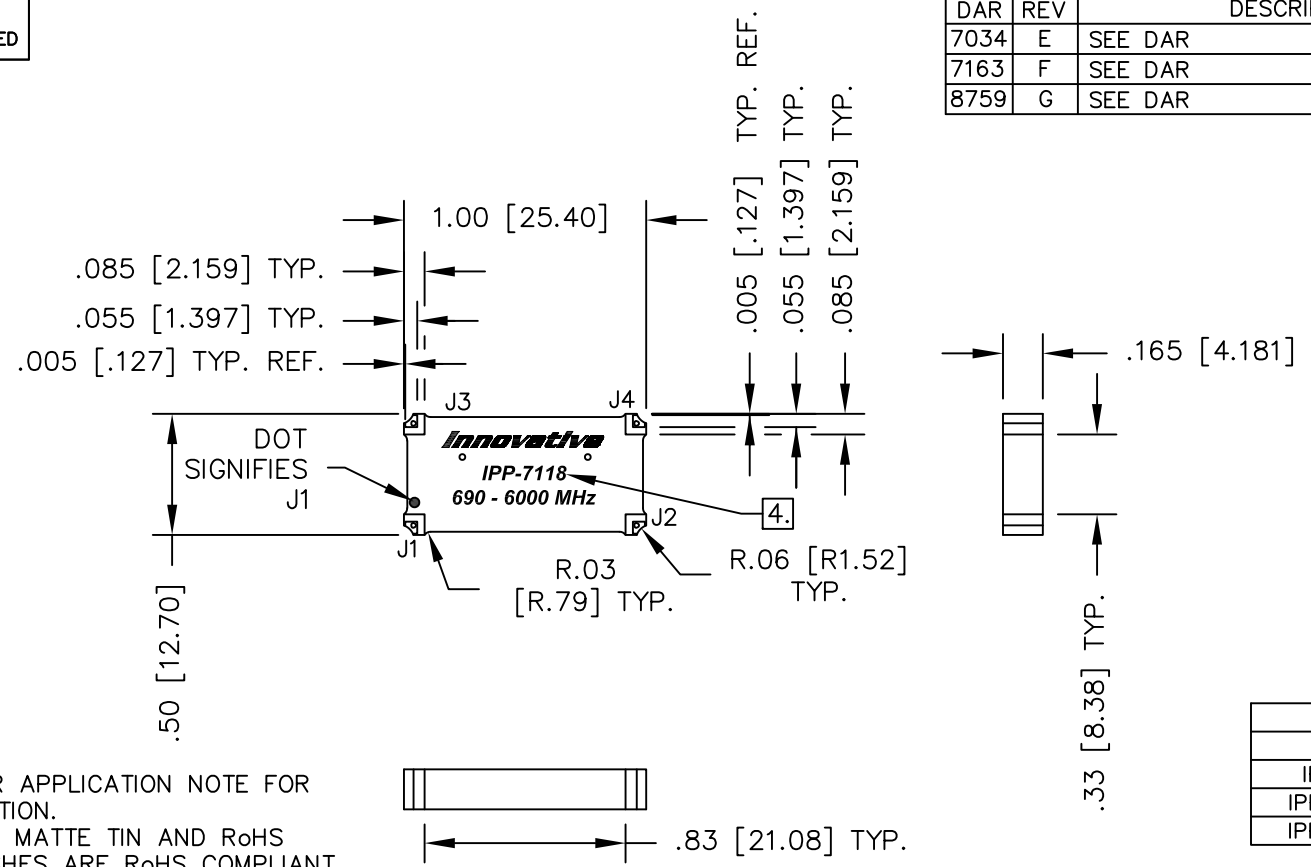


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
7034	E	SEE DAR	DG	1-18
7163	F	SEE DAR	DG	5-18
8759	G	SEE DAR	DG	9-21



- NOTES:**
- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 - PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
 - AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 - SEE CHART FOR PART NUMBER AND FINISH.

FINISH	
P/N	TYPE
IPP-7118	TIN/LEAD
IPP-7118RT	RoHS MATTE TIN
IPP-7118RG	RoHS NICKEL GOLD

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	-3dB<-90 DEG	-3dB<0 DEG
J2	ISOLATION	---	-3dB<0 DEG	-3dB<-90 DEG
J3	-3dB<-90 DEG	-3dB<0 DEG	---	ISOLATION
J4	-3dB<0 DEG	-3dB<-90 DEG	ISOLATION	---

ELECTRICAL SPECIFICATIONS

FREQUENCY: 690 - 6000 MHz.
 INSERTION LOSS: <0.80 dB
 VSWR: <1.40:1
 ISOLATION: >15dB
 AMPLITUDE BALANCE: ±0.90dB (±1.1dB 690-715 MHz)
 PHASE BALANCE: ±9°
 POWER: 50 WATT
 TEMPERATURE: -55°C TO 85°C

MATERIAL	DWN S.Cornell	DATE 2-11-13		
	ENG DG	DATE 2-13		
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE	
	CAGE CODE: 437R2		SMD COUPLER, 90°, 690 - 6000 MHz. 50W	
TOLERANCE	SHEET OF 1 1		SCALE	2:1
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		SIZE B	P/N IPP-7118*
				REV. G